

## **Grabber Construction Products, Inc.** Design No. JWA/PH 60-08

## Horizontal Floor/Ceiling Assembly, Single Penetrations **GrabberGard IFC**

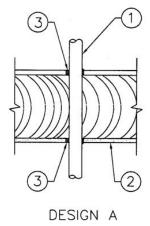
Test Standards: ASTM E814. UL 1479

# **ULC S115-M11: Non-metallic Open and Closed Systems**

Positive Pressure Differential - 50 Pa (0.20 in. of water) Minimum

Rating: 1 Hour

Penetrating	Design	Max	Annular	ASTM E814		ULC \$115-M11		
Material & Size	Number	Hole Size	Space	"F"	"T"	"F"	"FH"	"FT"
ccPVC, PVC or CPVC pipe up to 2 in.	А	3 in.	1/4 in. – 1/2 in.	1 hour	1 hour	1 hour	1 hour	1 hour
ccABS or ABS pipe up to 1-1/2 in.	Α	3 in.	1/4 in. – 1/2 in.	1 hour	1 hour	1 hour	1 hour	1 hour
Nonmetallic Rigid Conduit up to 2 in.	Α	3 in.	1/4 in. – 1/2 in.	1 hour	1 hour	1 hour	1 hour	1 hour
ccPVC, PVC or CPVC pipe up to 1-1/2 in.	В	3 in.	1/4 in. – 1/2 in.	1 hour	50 min	1 hour	1 hour	50 min
ccABS or ABS pipe up to 1-1/2 in.	В	3 in.	1/4 in. – 1/2 in.	1 hour	1 hour	1 hour	1 hour	1 hour
Nonmetallic Rigid Conduit up to 1-1/2 in.	В	3 in.	1/4 in. – 1/2 in.	1 hour	1 hour	1 hour	1 hour	50 min





- 1. PENETRATING ITEM: Main line to be centered in hole and branch line to be centered or offset in hole, see table above.
- 2. FLOOR/CEILING ASSEMBLY: 1 hour fire rated ASTM E119 or CAN/ULC S101 wood framed wallboard (GWB) floor/ceiling assemblies with or without concrete topping, having a min. depth of 10-3/4 in. (275mm).

### **DESIGN A**

3. FIRESTOP SYSTEM COMPONENT 1: Grabber Construction Products, Inc. - GrabberGard IFC\* fully filling the annular space to the full depth of both the floor and ceiling membranes. On 0 in. to 1/4 in. (6mm) annular space, a min. 1/2 in. (12mm) diameter bead of sealant must be placed around penetrating item.

DESIGN B

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Division 07 – Thermal and Moisture Protection 07 84 00 Firestopping 07 84 13 Penetration Firestopping

#### **DESIGN B**

- WALL ASSEMBLY: Rated or non-rated, metal or wood framed gypsum wallboard (GWB) wall assemblies.
- 5. FIRESTOP SYSTEM COMPONENT 1: Grabber Construction Products, Inc. GrabberGard IFC\* fully filling the annular space to the full depth of the floor membrane.

Fill header and sill plate contained in wall assembly to a min. 5/8 in. (16mm) depth. On 0 in. to 1/4 in. (6mm) annular space, a min. 1/2 in. (12mm) diameter bead of sealant must be placed around penetrating item.

\*WH Labeled Component

Version: 02 August 2017 SFT-BC-OP-19i